PTO/SB/08A (04-07)
Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Complete if Known		
	Application Number	10/815637		
INFORMATION DISCLOSUR	Filing Date	2 April 2004		
	First Named Inventor	Jacqueline Anne Lapstun		
STATEMENT BY APPLICAN	Art Unit	3694		
(Use as many sheets as necessary)	Examiner Name	Ella Colbert		
Sheet 1 of 1	Attorney Docket Number	HYC004US		

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where
minais 140.	NO.	Number-Kind Code ^{2 (7 known)}	IMIM-DD-1111	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
AC.		5247137	Sep 1993	Epperson, Mark	
<u> </u>		5297202	Mar 1994	Kapp et al	
		5483069	01-09-1996	Kofune et al	
		5727249	Mar 1998	Pollin, Robert E	
SU		5594226 A	01-14-1997	Steger Paul	
7					
			,		
•					
					,
				•	

•		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY	,,	Or Relevant Figures Appear	T ⁶
30		GB 2226670 A	07-04-1990	Speiser Alexander		
4						
		·	,			L
						_
			<u> </u>			
	i		1		1	

Examiner Signature	A)	Collin H	Date Considered	10-10-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitut	e for form 1449/	A/PTO		Complete if Known		
				Application Number	10/815,637	
INFO	PRMATIC	ON DIS	CLOSURE	Filing Date	April 2, 2004	
STA	TEMENT	BY AF	PPLICANT	First Named Inventor	Paul Lapstun	
				Art Unit	3624	
(use as many sheets as necessary)				Examiner Name		
Sheet	1	of	3	Attorney Docket Number	HYC004US	

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
100					Figures Appear
$\mathcal{A}\mathcal{N}$		US-5,283,829 *	Feb 1994	Anderson Milton	
4		US 5,802,498	Sep 1998	Comesanas, Jorge	
		5,754,655	May-1998	Hughes et al	
		US-5,832,460 °	Nov 1998	Bednar et al	
[US 5,465,206 °	Jul 1995	Hilt et al	
		5;383;113	-Jan-1995	Kight et al	
		US-5,699,528 ·	_Dec.1997	Hogan.Edward.J	
1	l	US-5,326,959 *	Jul 1994	Perazza, Justin J	
		US 5,822,291	Oct 1998	Brindze et al	
		5;692;073.'	-May-3,-1998	- Cass	
	_	US-5,661,506 ·	Nov 10, 1994	Lazzouni et al	
		us5,477,012 *	Dec 19, 1995	Sekendur	
_		116 5,051,736	Sep 24, 1991	Bennett et al	
		US 5,051,736 ************************************	Jul-29;-1897	Lazzouni et al	
ł		US-5,852,434 ·	Dec 22, 1998	Sekendur	
7		US.5.673,430 *	Sep 1997	Story, Guy A	
		E-086-107-	-Feb 1992	Llou, Kwang-Wan	
		US-5,051,736 ·	_Sep_1991	Bennett.et.al	
T		US-5.448.263 *	Sep 1995	Martin, David A	
		US-5,023,408 *	Jun 1991	Murakami et al	
		4.564;928.*	Jan-1986	Glenn et al	
1		US-3,613,066 *	Oct 1971	Cooreman, Charles R	
		us.4,870,751 *	Jun 1987	Enokido et al	
-+		4712,100	Dec 1987	Tsunekuni et al	
		US-4,712,100	_Dec_1987	Miyamori et al	
100		US-6,727,249	Mar 1998	Pollin, Robert E	
All		US 5.434,370	Jul 1995	Wilson et al	

		(4//-	IGN PATENT D	AAAIII-IIIA		_
xaminer nitials	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 8 (F known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
40		DE 4326526 °	Sep 8, 1994	Stephan		Г
44		-DE4326756-*-A	-Sep 8, 1994	Stephan		1
		FR 2516672 A	May 20, 1983	Squagpt		
		FR 2516673 °	May 20, 1983	Squagep		ı
		-GB2306669 * A	-May 7, 1997	Ricoh		<u> </u>
		_GB2202664 * A	-Sep.28,-1998	_Robb		
i I		JP 10-194562 * A	Jul 28, 1998	Minolta Co Ltd		ł
		WO 97/14251 *	April 1997	At T (Story)		i
		-WO99/18487*	-April 15, 1999	Interval Research Corp		╂
مفص		_WO99/50787.*	_Oct_7_1999	_Xerox Corp	··········	<u> </u>
SUX	•	WO 2002084583 - A1	Oct 24, 2002	Hasbro Int., Inc		ı

Examiner Signature	to PA	Date Considered	10-10-07

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PLEASE NOTE -

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

^{*} Copies not attached as previously submitted to or cited by the USPTO in parent application US09/575,197

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 144	BA/PTO			Complete if Known		
	INFORMATION DISCLOSURE				Application Number	10/815,637	
INFO					Filing Date	April 2, 2004	
STATEMENT BY APPLICANT				PLICANT	First Named Inventor	Paul Lapstun	
			-		Art Unit	3624	
(6	use as manj	y sheets as	ne	cessary)	Examiner Name		
Sheet	2	of		3	Attorney Docket Number	HYC004US	_

		U.S. PATE	NT DOCUMENTS	
Examiner Initials	Document Number Number- Kind Code ² (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
401/	 US 6,076,734 °	June 20, 2000	Dougherty et al	
44	 5.483.089	- Jan 1996	Kofune et al	
<i>'</i>	 US-5,248,856	Sep_1993	Mallicoat, Samuel W	
	 US-5,866,856 *	Feb 1999	Holtzman, Rafi	
	5.892.824	Apr 1999	Beatson et al	
	 US-5,892,824 -5,696,906	Dec-1997	Peters et al	
1	US-4,777,329 ·	Oct 1988	Mallicoat, Samuel W	
	 US.6,542,927 *	Apr 1, 2003	Rhoads	
W	 US-5;855;369*	Jan 5, 1999	Lieberman	
T	US-			
	 US-			
	 US			
	 US-			
	US-			
	บร-			

	FOREIGN PATENT DOCUMENTS										
Examiner Initials	Cite No.1	Foreign Patent Document Country Code 3 "Number 4" - Kind Code 4 (# Innovn)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ţ					
						L					
						Г					
						-					
						-					
						├					
						┢					
·						╁					
						-					
				·		<u> </u>					
						 _					

Examiner Signature Date Considered /8-/0-07					
	Examiner Signature	P1	// IN 1/ V. A		8-10-07

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional).

2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

4 For Japanese patent documents, the indication of the year of the reting of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible.

6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PLEASE NOTE -

PLEASE NOTE
* Copies not attached as previously submitted to or cited by the USPTO in parent application US09/575,197

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449B/PTO			Complete if Known		
				Application Number	10/815,637	
INFO	RMATION	ı Dis	CLOSURE	Filing Date	April 2 2004	
TATS	'EMENT R	tV Δ	PPLICANT	First Named Inventor	Paul Lapstun	
SIAI	PIAIPIAI E	,	I LIVAII	Group Art Unit	3624	
	(use as many st	heets a	s necessary)	Examiner Name		
Sheet	3	of	3	Attorney Docket Number	HYC004US	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
Æ		Dymetman, M., and Copperman, M., "Intelligent Paper; In Electronic Publishing, Artistic Imaging, and Digital Typography, Proceedings of EP '98, March/April 1998, Springer Verlag LNCS 1375, pp. 392-406				
· ·			_			
		;				
		·				
n mana iran nasaran na sidd - Angeleigh an Phil						
***************************************	_					
	ļ		-			
	ŀ					

Examiner Signature	, ballet	Date Considered	10-10-07

Burden Hour Statement: This form is estimated to take 2.0 hours to complete.. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DIGGLOSURE	Application Number	10/815,637	
INFORMATION DISCLOSURE	Filing Date	April 2, 2004	
STATEMENT BY APPLICANT	First Named Inventor	Paul Lapstun	
6	Art Unit	3624	
(use as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	HYC004US	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1 Number - Kind Code ² (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
40	US- 4,864,618	Sep 5, 1989	Wright et al			
4	Us-					
	US-					
	US- ,		,			
	US-					
·	US-					
	US-					
	US-					
1	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-	•		••		
	US-					
	US-	***************************************				
	US-					
	US-					
	US-					

	FOREIGN PATENT DOCUMENTS							
Examiner Initials		Foreign Patent Document County Code 3 -Number 4 - Kind Code 9 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	γ8		
· · · · · · · · · · · · · · · · · · ·								
			***************************************			_		

Examiner Signature	\mathscr{D}_{l}	(al)	lelt	Date Considered	10-10-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 8 Applicant is to place a check mark here if English tanguage Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PLEASE NOTE -

^{*} Copies not attached as previously submitted to or cited by the USPTO in parent application US09/575,197